

Claim

1. A composition effective against microorganisms and other pest organisms comprising a mixture of a noble gas and chlorine gas.
2. A composition according to claim 1 wherein said noble gas is argon.
3. A composition according to claim 1 wherein said microorganism is anthrax bacterium, *Bacillus anthracis*.
4. A composition according to claim 1 wherein said microorganism is Norwalk or Norwalk-like viruses.
5. A composition according to claim 1 wherein said microorganism is Severe Acute Respiratory Syndrome virus.
6. A composition according to claim 1 wherein said microorganism is *Legionellae*.
7. A composition according to claim 1 wherein said microorganism is mold and mold spores.
8. A composition according to claim 2 wherein said ratio of argon:chlorine in said mixture is 20:1
9. A composition according to claim 2 wherein said chlorine is present in an amount of about 0.1 to 3%
10. A composition according to claim 2 wherein said chlorine is present in an amount of about 0.1 to 5%
11. A composition according to claim 2 wherein said chlorine is present in an amount up to 25%.
12. A method for removing microorganisms which comprises introducing an effective amount of a composition according to claim 1 into the air in a room, building,

ship, county jail, shelter, hospital, clinic, nursing home, rehabilitation facility, restaurant, school, hotel or HVAC system and the like, where said microorganisms are located, allowing the composition to remain for a time sufficient to substantially completely eliminate said microorganisms and then ventilating said room, building, ship, jail, shelter, hospital, clinic, nursing home, rehabilitation facility, restaurant, school, hotel or HVAC system..

13. A method for removing microorganisms which comprises introducing an effective amount of a composition according to claim 2 into the air in a room, building, ship, county jail, shelter, hospital, clinic, nursing home, rehabilitation facility, restaurant, school, hotel or HVAC system and the like, where said microorganisms are located, allowing the composition to remain for a time sufficient to substantially completely eliminate said microorganisms and then ventilating said room, building, ship or HVAC system and the like.
14. A method according to claim 12 wherein said argon and chlorine are admixed directly before their use.